Replaced By ART 34 AMDT

CLAIMS

1. A method for producing blister copper, according to which method copper concentrate (5), flux (6) and oxygen-enriched air (7) are fed together into a suspension smelting furnace (1), such as a flash smelting furnace, so that there are created at least two molten phases, such as white metal (11) and slag (10), **characterized** in that white metal is oxidized after the suspension smelting furnace in at least one oxidizing reactor (12).

2. A method according to claim 1, **characterized** in that oxidizing reactor (12) is arranged to be installed in connection with the suspension smelting furnace (1) in a stationary fashion.

3. A method according to claim 1, **characterized** in that the oxidizing reactor (12) is connected to the suspension smelting furnace (1) by a melt launder (13).

4. A method according to claim 1 – 3, **characterized** in that the oxidizing reactor (12) is a surface blasting reactor.

5. A method according to claim 1 – 3, **characterized** in that the oxidizing reactor (12) is an injection reactor.

6. A method according to claim 5, **characterized** in that into the oxidizing reactor (12), there also is injected solid white metal.

7. A method according to claim 1, **characterized** in that the slag (10) is after the suspension smelting furnace (1) treated in an electric furnace in order to recover the copper content thereof.

8. A method according to claim 1, **characterized** in that the slag (10) is after the suspension smelting furnace (1) treated in flotation in order to recover the copper content thereof.